

CLAIMS

I claim:

1. An article of manufacture for use in a computer system for translating a non-Unicode character string stored in a memory of the computer system into a Unicode character string stored in the memory of the computer system, said article of manufacture comprising a computer-readable storage medium having a computer program embodied in said medium which causes the computer system to execute the method steps comprising:
 - retrieving a specification of a code page in which the non-Unicode character string is encoded;
 - retrieving a specification of a scope, the scope specifying a portion of a computer program subject to the translation;
 - translating the non-Unicode character string into the Unicode character string according to the scope.
2. The article of manufacture of claim 1 wherein the scope is global, the global scope specifying that the translation applies to the entire computer program.
3. The article of manufacture of claim 1 wherein the scope is local, the local scope specifying that the translation applies the subsequent portion of the computer program.
4. The article of manufacture of claim 1 wherein the scope is constant specific, the constant specific scope specifying that the translation applies only to a specific constant.

1 5. A method of translating a non-Unicode character string stored in a memory of a computer
2 into a Unicode character string stored in the memory of the computer, said method comprising
3 the steps of:

4 retrieving a specification of a code page in which the non-Unicode character
5 string is encoded;

6 retrieving a specification of a scope, the scope specifying a portion of a
7 computer program subject to the translation;

8 translating the non-Unicode character string into the Unicode character string
9 according to the scope.

1 6. The method of claim 5 wherein the scope is global, the global scope specifying that the
2 translation applies to the entire computer program.

3 7. The method of claim 5 wherein the scope is local, the local scope specifying that the
4 translation applies the subsequent portion of the computer program.

5 8. The method of claim 5 wherein the scope is constant specific, the constant specific scope
6 specifying that the translation applies only to a specific constant.

7 9. A computer system for translating a non-Unicode character string stored in a memory of the
8 computer system into a Unicode character string stored in the memory of the computer system,
9 said computer system comprising:

1 a retrievable specification of a code page in which the non-Unicode character
2 string is encoded;

3 a retrievable specification of a scope, the scope specifying a portion of a
4 computer program subject to the translation;

5 a translator for translating the non-Unicode character string into the Unicode
6 character string according to the scope.

1 10. The computer system of claim 9 wherein the scope is global, the global scope specifying
2 that the translation applies to the entire computer program.

1 11. The computer system of claim 9 wherein the scope is local, the local scope specifying that
2 the translation applies the subsequent portion of the computer program.

1 12. The computer system of claim 9 wherein the scope is constant specific, the constant
2 specific scope specifying that the translation applies only to a specific constant.

STL9-2000-0069